

Abstract

The device for purifying machining liquids for electroerosion machines, comprises a first ultrasonic
5 decantation device (11) to separate by decantation the
metallic contamination particles (38) from the machining
electrode and the machined piece, a second ultrasonic
decantation device (45) of a lower power to separate the
particles (39) of said machining additive, and filtration
10 elements (46) to separate carbonaceous particles (41) from the
decomposition of the dielectric liquid. After filtration,
this latter is remixed with the additive particles in a mixing
receptacle (47) to obtain purified machining liquid.

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(Figure 2)